**Algebra 1**

**Goal 8 Review**

Choose the answer for each question.

1. Classify the expression.

A cubic trinomial

B quadratic trinomial

C fourth-degree binomial

D not a polynomial

2. Determine the degree of the polynomial.

A 7

B 5

C 12

D 4

3. Write the polynomial in descending order.

A

B

C

D

4. Simplify.

A

B

C

D

5. Simplify.

A

B

C

D

6. Simplify.

A

B

C

D

7. Simplify.

A

B

C

D

8. Simplify.

A



B



C



D

9. Simplify.

A

B

C

D

10. Simplify.

A

B

C

D

11. Simplify.

A

B

C

D

12. Simplify.

A

B

C

D

13. Write the number is scientific notation. 5,600,000

A

B

C

D

14. Write the expression in standard notation.

A

B

C

D

15. Simplify.

A

B

C

D

16. Simplify.

A

B

C

D

17. Simplify.

A

B

C

D

18. Simplify.

A

B

C

D

19. Find the missing coefficient.

A

B

C

D

20. Find the product.

A

B

C

D

21. Find the product.

A C

B D

22. Square the binomial.

A

B

C

D

23. Find the product.

A

B

C

D

24. Find the quotient.

A

B

C

D

25. Find the quotient.

A

B

C

D